July 31, 2013

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATION DEPARTMENT OF ADMINISTRATION

DIVISION OF PURCHASES BID NO. 7484375

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

RHODE ISLAND CONTRACT NO.2013-CH-075

FEDERAL-AID PROJECT NO. FAP Nos: IM-2955(109)

I-295 Ramps Resurfacing Warwick to Mass State Line

Warwick to the Massachusetts State Line
CITY/TOWN OF Statewide
COUNTY OF STATEWIDE

NOTICE TO PROSPECTIVE BIDDERS

ADDENDUM NO. 1 Prospective bidders and all concerned are hereby notified of the following changes in the Plans, Specifications, Proposal and Distribution of Quantities for this contract. These changes shall be incorporated in the Plans, Specifications, Proposal and Distribution of Quantities, and shall become an integral part of the Contract Documents.

A. Clarification

1. Page A-2

The project description on Page A-2 has been revised. Rte. 133 revised to Rte. 113.

B. Job Specific

1. Page JS-21

Delete Index Page JS-21 in its entirety and replace it with revised Index Page JS-21 (R-1) attached to this Addendum No. 1. The item code number for Inspection, GPS and Documentation – Outfall has been revised.

C. Distribution of Quantities

1. Index Page 1

Delete Index Page 1 in its entirety and replace it with revised Index Page 1 (R-1) attached to this Addendum No. 1. Item Codes 709.9905 and 709.9906 have been deleted.

Index Page 2

Delete Index Page 2 in its entirety and replace it with revised Index Page 2 (R-1) attached to this Addendum No. 1. Item Codes 709.9907, 709.9908 and 709.9909 have been added.

3. Page 50

Delete Page 50 in its entirety and replace it with revised Page 50 (R-1) attached to this Addendum No. 1. Item Nos. S027 and S028 have been deleted.

4. Page 114

Add Page 114 attached to this Addendum No. 1. Item Nos. S084, S085, and S086 have been added to the contract.

RI Department of Transportation

Chief Engineer

JOB SPECIFIC R.I. CONTRACT NO. 2013-CH-075

CLOSED CIRCUIT TELEVISION INSPECTION (CCTV) INSPECTION, LOCATION, and DOCUMENTATION OF STORM DRAIN PIPES & STRUCTURES

CODE 709.9907 INSPECTION, GPS AND DOCUMENTATION – PIPE

CODE 709.9908 INSPECTION, GPS AND DOCUMENTATION – STRUCTURE

CODE 709.9909 INSPECTION, GPS AND DOCUMENTATION – OUTFALL

DESCRIPTION:

This work consists of closed circuit television (CCTV) inspection, geographically referencing, and documentation of storm drains and drainage structures of all types and sizes as designated on the Plans or as directed by the Engineer, all in accordance with these Specifications.

Closed Circuit Television (CCTV) equipment shall be used to inspect the condition of all storm drain pipes and structures after the cleaning and flushing has been completed in accordance with RIDOT Standard Specifications Section 708, and has been accepted by the Engineer.

Inspection and documentation of pipes, inlets, manholes, water quality structures, and catch basins shall conform to the National Association of Sewer Service Companies (NASSCO) Standards for Pipeline Assessment & Certification Program (PACP) and for Manhole Assessment & Certification Program (MACP) (www.nassco.org). Inspections of outfalls shall be completed using forms and the RIDOT Outfall Database provided by the Department.

The CCTV Operator shall be MACP and PACP certified with a minimum of two active years of experience in performing CCTV inspections. The Contractor shall provide proof of qualifications to the Department prior to Award.

The geographical location of each structure within the storm drain system, including inlets, manholes, catch basins, and outfalls, shall be provided by the Contractor. Locational information (i.e. Northing and Easting coordinates) shall be: 1) obtained from a mapping-grade GPS unit or survey equipment with equal or greater accuracy and precision, 2) provided in either RI State Plane Feet NAD 83 coordinate system or Decimal Degrees (World Geodetic System) WGS84 coordinate system; vertical datum shall be provided in North American Vertical Datum of 1988 (NAVD88) and 3) must be accurate to within 5-feet. Coordinate System and accuracy must be documented for each data point as part of the MACP/PACP database and the RIDOT Outfall Database. Equipment used to locate structures must be documented in final data submission.

Addendum No. 1

Table of Contents - Distribution of Quantities

Project Name - I-295 Ramps Resurfacing Warwick to Mass State Line
Estimate Name - Addendum No.1
R.I. Contract No. - 2013-CH-075

FAP Nos: IM-2955(109)

| | FAP NOS: 1M-2933(103) | Dago |
|----------------------|---|-----------|
| <u> ItemCode</u> | | Page 1 |
| 201.0321 | CLEARING AND GRUBBING REMOVE AND DISPOSE GRANITE CURB REMOVE AND DISPOSE CONCRETE CURB REMOVE AND DISPOSE FLEXIBLE PAVEMENT | 3 |
| 201.0401 | REMOVE AND DISPOSE GRANITE CURB | 3 |
| 201.0402 | REMOVE AND DISPOSE CONCRETE CORB | 5 . |
| 201.0409 | REMOVE AND DISPOSE FRAME AND GRATE OR FRAME AND COVER | 6 |
| 201.0428 | | |
| 201.9901 | REMOVE AND DISPOSE GUARDRAIL POST | 9 |
| 201.9902 | REMOVE AND DISPOSE GUARDRAIL POST REMOVE AND DISPOSE GUARDRAIL BEAM ONLY REMOVE AND DISPOSE GORE MARKER EARTH EXCAVATION TRIMMING AND FINE GRADING SILT SACK COMPOST FILTER SOCK CLEANING AND MAINTENANCE OF EROSION CONTROLS CLASS 9.5 HOT MIX ASPHALT FRICTION COURSE ASPHALT EMULSION TACK COAT CLASS A PORTLAND CEMENT TOWNER GOVERN GRANDER (1.1.) | 9 |
| 201.9903 | REMOVE AND DISPOSE GORE MARKER | 10 |
| 202.0100 | EARTH EXCAVATION | 10 |
| 204.0100 | TRIMMING AND FINE GRADING | 10 |
| 206.9901 | SILT SACK | 17 |
| 206.9902 | COMPOST FILTER SOCK | 22 |
| 212.2000 | CLEANING AND MAINTENANCE OF EROSION CONTROLS | 22 |
| 401.9902 | CLASS 9.5 HOT MIX ASPHALT | 22 |
| 402.9901 | FRICTION COURSE | 22 25 |
| 403.0300 | ASPHALT EMULSION TACK COAT | 25 |
| 601.0300 | CLASS A PORTLAND CEMENT CONCRETE | 25 |
| 702.0510 | HEAVY-DUTY SQUARE FRAME AND ROUND COVER STANDARD 6.1.1 | 23 |
| 702.0515 | FRAME AND GRATE HIGH CAPACITY STANDARD 6.3.3 | 25 |
| 702.0530 | PRECAST CONCRETE INLET STONE 5' STANDARD 7.1.5 | 28 . |
| 704.9901 | RECONSTRUCT CATCH BASIN | 29 |
| 707.1900 | PRECAST CONCRETE INLET STONE 5 STANDARD 7.1.5 RECONSTRUCT CATCH BASIN ADJUST FRAME & COVER TO GRADE ADJUST FRAME AND GRATE TO GRADE CLEANING CATCH BASINS ALL TYPES AND SIZES CLEANING MANHOLES ALL TYPES AND SIZES CLEANING AND FLUSHING PIPE ALL SIZES ** TIEM DELETED ** | 31 |
| 707.2000 | ADJUST FRAME AND GRATE TO GRADE | 32 |
| 708.9041 | CLEANING CATCH BASINS ALL TYPES AND SIZES | 39 |
| 708.9042 708.9901 | CLEANING MANHOLES ALL TYPES AND SIZES | 45 |
| 708.9901 | CLEANING AND FLUSHING PIPE ALL SIZES | 45 |
| 709.9905 | ** ITEM DELETED ** | |
| 709.9906 | ** ITEM DELETED ** | 50 |
| 711.9901 | 3" PAVED WATERWAY CLASS 9.5 HOT MIX ASPHALT MODIFIED, STD. 8.4.0 | |
| 821.1690 | SAW & SEALING JOINTS IN BITUMINOUS CONCRETE PAVEMENT | 51 |
| 839.0100 | TOTAL DESCRIPTION OF | 51 |
| 901.0160 | REFLECTORIZED TRIANGULAR DELINEATORS STANDARD 34.2.5 | 51 |
| 901.0161 | GUARDRAIL STEEL BEAM POST (IN EARTH AND ASPHALT) | 52 |
| 901.0165 | STEEL BEAM GUARDRAIL SECTION (12.5 FT. BY 12.0 INCHES) | 56 |
| 901.0191 | GUARDRAIL STEEL BEAM ANCHORAGE TRAILING END SECTION STANDARD 34.3.4 | |
| 901.0198 | CHARDRAIL END TREATMENT, NON-ENERGY ABSORBING TERMINAL | 67 |
| | | 70 |
| 901.0199 901.9901 | STEEL THRIE BEAM GUARDRAIL SECTION (12.5 FT. BY 12.0 INCHES) | 70 |
| 901.9902 | REMOVE AND RESET GUARDRAIL | 70 |
| 906.0110 | GRANITE CURB, QUARRY SPLIT STRAIGHT, STANDARD 7.3.0 | 71 |
| 906.0110 | CEMENT CONCRETE CURB PRECAST STRAIGHT STANDARD 7.1.0 | 72 |
| 906.0210 | CEMENT CONCRETE CURB PRECAST CIRCULAR STANDARD 7.1.0 | 72 |
| 906.0231 | CEMENT CONCRETE SLOPE FACE CURB PRECAST STRAIGHT STANDARD | 72 |
| 908.0230 | 7.2.0 | |
| 906.0231 | CEMENT CONCRETE SLOPE FACE CURB PRECAST CIRCULAR STANDARD 7.2.0 | 74 |
| 906.0271 | PRECAST CONCRETE SLOPE FACE TRANSITION CURB STANDARD 7.2.1 | |
| 914.5010 | FLAGPERSONS | 75 |
| 914.5020 | FLAGPERSONS - OVERTIME | 75 |
| 920.0040 | DUMPED STONE RIPRAP R-3, R-4, R-5 STANDARD 8.3.0 | 76 |
| 920.0135 | BEDDING FOR RIPRAP FS-2 STANDARD 8.3.0 | 79 |
| 920.0200 | FILTER FABRIC FOR RIP-RAP | 82 |

Table of Contents - Distribution of Quantities

Project Name - I-295 Ramps Resurfacing Warwick to Mass State Line Estimate Name - Addendum No.1

R.I. Contract No. - 2013-CH-075 FAP Nos: IM-2955(109)

| 7 h | Description | Page |
|----------|--|------|
| ItemCode | TEMPORARY CONSTRUCTION SIGNS STANDARD 29.1.0 AND 27.1.1 | 85 |
| 922.0100 | DRUM BARRICADE STANDARD 26.2.0 | 87 . |
| 923.0105 | 0.00 | 87 |
| 923.0120 | PLASTIC PIPE BARRICADE STANDARD 26.3.0 FLUORESCENT TRAFFIC CONES STANDARD 26.1.0 | 87 |
| 923.0200 | ADVANCE WARNING ARROW PANEL | 87 |
| 924.0113 | PORTABLE CHANGEABLE MESSAGE SIGN | 87 |
| 925.0112 | TRUCK MOUNTED ATTENUATOR WITH TRUCK MOUNTED FLASHING ARROW | 87 |
| 928.0800 | BOARD | |
| 000 0110 | | 88 |
| 929.0110 | GIEANING AND SWEEDING PAVEMENT | 88 |
| 931.0110 | CHEANING AND MATCHING ASPHALT | 88 |
| 932.0100 | THE DEPTH CAMCUT OF RITHMINOUS PAVEMENT | 94 |
| 932.0200 | FIELD OFFICE CLEANING AND SWEEPING PAVEMENT CUTTING AND MATCHING ASPHALT FULL-DEPTH SAWCUT OF BITUMINOUS PAVEMENT REMOVING BITUMINOUS PAVEMENT BY MICRO MILLING | 97 |
| 935.0400 | WOLITABLON | 99 |
| 936.0110 | MOBILIZATION MAINTENANCE AND MOVEMENT TRAFFIC PROTECTION TRAINEE MAN-HOURS | 99 |
| 937.0200 | MAINTENANCE AND MOVEMENT TRAITED TROTTED | 99 |
| 943.0200 | TRAINEE MAN-ACORS | 99 |
| L01.0104 | PLANTABLE SOIL 4 INCHES DEBI | 103 |
| L02.0101 | DENEKAL HIGHWAI SEEDING (IIII I) | 103 |
| L06.9901 | LICHTRANDAD COVERCIBLIM 2-2 5" CAL. B&B | 103 |
| L06.9902 | DINGUIDAMBAR STIRACTION, 2 2.5 CM2., 242 | 103 |
| L06.9903 | PINUS SIRUBUS, 6-7, DRD | 103 |
| T05.1030 | MRADRIC DEMECTORS IOOD STANDARD 19.6.0 | 104 |
| T13.1000 | PRINTEGEOR INTERCENCE WHITE DELINEATOR | 105 |
| T18.0201 | REFLECTOR UNIT CINCLE AMBER DELINEATOR | 105 |
| T18.9901 | C THOSE CHARGE FACE - DRVING WATERBORNE PAVEMENT MARKING | 105 |
| T20.0006 | MAINTENANCE AND MOVEMENT TRAFFIC PROTECTION TRAINEE MAN-HOURS PLANTABLE SOIL 4 INCHES DEEP GENERAL HIGHWAY SEEDING (TYPE 1) BETULA NIGRA 'HERITAGE', 2-2.5" CAL., B&B LIQUIDAMBAR STYRACIFLUM, 2-2.5" CAL., B&B PINUS STROBUS, 6-7', B&B ADJUST HANDHOLE TO GRADE TRAFFIC DETECTORS-LOOP, STANDARD 19.6.0 REFLECTOR UNIT-SINGLE WHITE DELINEATOR REFLECTOR UNIT SINGLE AMBER DELINEATOR 6 INCH WHITE FAST - DRYING WATERBORNE PAVEMENT MARKING PAINT | |
| moo 0010 | PAINT 12 INCH WHITE FAST - DRYING WATERBORNE PAVEMENT MARKING | 107 |
| T20.0012 | PAINT | |
| m00 0106 | THE PARTY OF THE PARTY OF THE PARTY MADELING | 109 |
| T20.0106 | PAINT | , |
| maa 0000 | | 111 |
| T20.0900 | 6 INCH EPOXY RESIN PAVEMENT MARKINGS WHITE | 111 |
| | 12 INCH EPOXY RESIN PAVEMENT MARKINGS WHITE | 112 |
| T20.2012 | 6 INCH EPOXY RESIN PAVEMENT MARKINGS YELLOW | 112 |
| T20.2016 | FAST DRYING WATERBORNE PAVEMENT MARKING WHITE - YIELD LINE | 112 |
| T20.9923 | EPOXY RESIN PAVEMENT MARKINGS WHITE - YIELD LINE | 113 |
| | INSPECTION, GPS AND DOCUMENTATION - PIPE | 114 |
| 709.9907 | THERECITON, GPS AND DOCUMENTATION - STRUCTURE | 114 |
| 709.9908 | INSPECTION, GPS AND DOCUMENTATION - STRUCTURE INSPECTION, GPS AND DOCUMENTATION - OUTFALL | 114 |
| 709.9909 | THREFECTION, GER WAD DOCOMBUILDING CONTINUE | |

Distribution of Quantities

Project Name - I-295 Ramps Resurfacing Warwick to Mass State Line Estimate Name - Addendum No.1

R.I. Contract No. - 2013-CH-075
FAP Nos: IM-2955(109)

| Item No. | Item Code | | Nos: IM-2955(109) | MU | | Pay Code | |
|-------------|----------------|--|----------------------|------|-------------|-------------|----|
| 026 | 708.9901 Cont. | AT RAMP | | | 1,391.00 | 0005 | 01 |
| | · | ROUTE 7-S/NB | ON-RAMP | | | | |
| | | AT RAMP | | | 605.00 | 0005 | 01 |
| | | ROUTE 7-S/SB | OFF-RAMP | | | | |
| | | AT RAMP | | | 1,300.00 | 0005 | 01 |
| | | ROUTE 7-S/SB | ON-RAMP | | | | |
| | | AT RAMP | | | 1,765.00 | 0005 | 01 |
| | | | Item 708.9901 Total: | | 35,332.00 | | |
| S027 | 709.9905 | INSPECTION, LOCAT | TION AND | LF | | | |
| | | DOCUMENTATION - | PIPES | | | | |
| | | PROJECT WIDE | | | | | |
| | | FROM ITEM | 708.9040 | | | 0005 | 01 |
| | | | Item 709.9905 Total: | | **DELETED** | - | |
| S028 | 709.9305 | INSPECTION, LOCA | TION AND | EACH | | | |
| | | DOCUMENTATION - | DRAINAGE STRUCTURE | | | | |
| | | PROJECT WIDE | | | | | |
| | | FROM ITEM | 708.9041 | | | 0005 | 91 |
| | • | FROM ITEM | 708.9042 | | | 0005 | 01 |
| | | ************************************** | Item 709.9906 Total | * | **DELETED** | | |
| 029 | 711.9901 | 3" PAVED WATERW | AY CLASS 9.5 HOT | SY | | | |
| | | MIX ASPHALT MOD | IFIED, STD. 8.4.0 | | | | |
| | | DIAMOND HILL | ROAD/NB ON-RAMP | | | | |
| | | 7+00 RT | | | 14,00 | 0005 | 01 |
| | | DIAMOND HILL | ROAD/SB OFF-RAMP | | | | |
| | | 2+50 | | | 8.00 | 0005 | 01 |
| | | PLAINFIELD P | IKE/NB ON-RAMP | | | | |
| | | 157+90 RT | | | 7.00 | 0005 | 01 |
| | | ROUTE 113-W/ | I-95 NB ON RAMP | | | | |
| | | FROM ITEM | 201.0409 | | 12.00 | 0005 | 01 |
| | | ROUTE 146-N/ | NB ON-RAMP | | | | |

Distribution of Quantities

Project Name - I-295 Ramps Resurfacing Warwick to Mass State Line

Estimate Name - Addendum No.1 R.I. Contract No. - 2013-CH-075

FAP Nos: IM-2955(109)

| Item No. | Item Code | Description | MU | Qty. | - | Seq. No. |
|-------------|-----------|-----------------------------------|---------|-----------|------|-------------|
| 5084 | 709.9907 | INSPECTION, GPS AND DOCUMENTATION | ON LF | | | |
| | • | - PIPE | | | • | • |
| | | PROJECT WIDE | | | | |
| | | FROM ITEM 708.9040 | | 29,115.00 | 0005 | 01 |
| | | Item 709.9907 To | otal: | 29,115.00 | _ | |
| S085 | 709.9908 | INSPECTION, GPS AND DOCUMENTATION | on each | | | |
| | | - STRUCTURE | | | • | |
| | | PROJECT WIDE | | | | |
| | | FROM ITEM 708.9041 | | 418.00 | 0005 | 01 |
| | | FROM ITEM 708.9042 | | 10.00 | 0005 | 01 |
| | | Item 709.9908 To | otal: | 428.00 | | |
| S086 | 709.9909 | INSPECTION, GPS AND DOCUMENTATION | ON EACH | | | |
| | | - OUTFALL | | | | |
| | | PROJECT WIDE | | 173.00 | 0005 | 01 |
| | | FROM ITEM 920.0040 | | 173.00 | - | ΟŢ |
| | | Item 709.9909 To | otal: | 1/3.00 | | |